a first step of mixing said population of nucleic acids with a primer comprising oligo-dT in a single reaction vessel under conditions that allow hybridization of said primer with said population of poly(A)+ RNA;

a second step of synthesizing a single-stranded DNA population from said population of poly(A)+ RNA wherein a reverse transcriptase, dNTPs and a first buffer are added to the single reaction vessel to synthesize said single-stranded DNA population;

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a third step of synthesizing a population of double-stranded DNA from said

cont. single-stranded DNA population wherein a second buffer, different from said first buffer, and a four enzyme-mix comprising a DNA polymerase are added to said single reaction vessel to synthesize said double-stranded cDNA; and

a fourth step of synthesizing multiple copies of RNA from said double-stranded DNA population, wherein an RNA polymerase and a third buffer, different from said first and second buffers, are added to said single reaction vessel to synthesize said multiple copies of RNA.

REMARKS

Claims 1,3-13, 20-21, 25 and 26 are currently pending in the application.

Support for the amendment of claim 1 is found throughout the specification and is particularly found at page 13, line 11 through page 14, line 24. In Example One a first buffer, 1° cDNA buffer shipped with Superscript II, is added in Step 2, in Step 3 a second buffer, described on page 14 lines 4-7, is added and in Step 4 a third buffer, MEGAscript buffer, is added. Each of the buffers is different supporting the present amendment. It is